

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Toshio OTA et al.

Title: FULL LENGTH cDNA CLONES AND PROTEINS  
ENCODED THEREBY

Appl. No.: 10/031,589

Filing Date: 07/01/2002

Examiner: Unassigned

Art Unit: Unassigned

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**Commissioner for Patents  
Washington, D.C. 20231

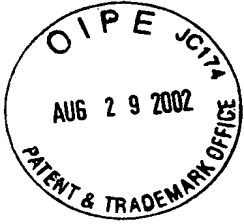
Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.



RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date August 29, 2002

FOLEY & LARDNER  
Customer Number: 22428



22428

PATENT TRADEMARK OFFICE

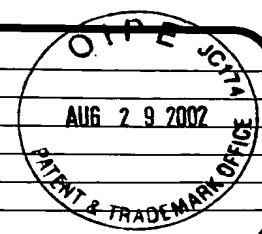
Telephone: (202) 672-5569

Facsimile: (202) 672-5399

By Phillip J. Arturiola *Reg. No.*  
38,819  
for / Stephen B. Maebius  
Attorney for Applicants  
Registration No. 35,264

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Date Submitted: August 29, 2002 (use as many sheets as necessary)				<b>Complete if Known</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/031,589</td> </tr> <tr> <td>Filing Date</td> <td>01/23/2002</td> </tr> <tr> <td>First Named Inventor</td> <td>Toshio OTA et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>Unassigned</td> </tr> <tr> <td>Examiner Name</td> <td>Unassigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>084335-0155</td> </tr> </table>		Application Number	10/031,589	Filing Date	01/23/2002	First Named Inventor	Toshio OTA et al.	Group Art Unit	Unassigned	Examiner Name	Unassigned	Attorney Docket Number	084335-0155
Application Number	10/031,589																
Filing Date	01/23/2002																
First Named Inventor	Toshio OTA et al.																
Group Art Unit	Unassigned																
Examiner Name	Unassigned																
Attorney Docket Number	084335-0155																
Sheet	1	of	1														



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	B1	MARUYAMA ET AL., "Oligo-capping: a simple method to replace the cap structure of eukaryotic mRNAs with oligoribonucleotides," <i>Gene</i> (1994), Vol. 138, pp. 171-174, Elsevier Science B.V.	
	B2	SUZUKI ET AL., "Construction and characterization of a full length-enriched and a 5'-end-enriched cDNA library," <i>Gene</i> (1997), Vol. 200, pp. 149-156, Elsevier Science B.V.	
	B3	SALAMOV ET AL., "Assessing protein coding region integrity in cDNA sequencing projects," <i>Bioinformatics</i> (1998), Vol. 14, No. 5, pp. 384-390, Oxford University Press.	
	B4	NAKAI ET AL., "A Knowledge Base for Predicting Protein Localization Sites in Eukaryotic Cells," <i>Genomics</i> (1992), Vol. 14, pp. 897-911, Academic Press, Inc.	
	B5	ALTSCHUL ET AL., "Basic Local Alignment Search Tool," <i>J. Mol. Biol.</i> (1990), Vol. 215, pp. 403-410, Academic Press Limited.	
	B6	GISH ET AL., "Identification of protein coding regions by database similarity search," <i>Nature Genetics</i> (March 1993), Vol. 3, pp. 266-272.	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.